

ABSTRACT

When intending gradational representation of each of the dots composing the image by changing the amount of light emission of each of the dots composing an image by changing the amount of light emission of said light emitting diode, the magnitude of each of the dots becomes reduced resulting in unstable reproducibility of dot. This causes damage in the regularity of the distribution of image density and the graininess of the printed image increases. The invention aims to provide an image forming apparatus which can decrease granularity (graininess) by simple and inexpensive construction by defocusing on the photo conductor the light ray passing through the lens array of the exposing device in the image forming apparatus in accordance with the percentage of the luminous dots changed in the amount of light emission among the dots composing the image. This prevents the occurrence of irregular density distribution in the latent image on the photo conductor drum. As a result, the graininess of the printed image is decreased.